

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A portable viewing/listening system ~~in which program data received by comprising a fixedly or semi-fixedly installed main device is played back in and an easy-to-carry portable device, to provide a user therewith, wherein said main device is operable to receive program data and said portable device is operable to play-back the received program data so as to provide a user with the program data;~~

wherein said main device comprisingcomprises:

receiving means for receiving program data provided through broadcasting;

demultiplexing means for demultiplexing the program data received by said receiving means into program components, each program component representing data of a multimedia type and spanning a same play-back length as the program data;

primary storing means for storing the program components constituting the program data received by said receiving means;

transfer priority assigning means for assigning a transfer priority and class priorities to each every program component constituting the program data stored in said primary storing means; and

transferring means for discretely transferring, to said portable device, each of the program components of the program data stored in said primary storing means in the direction of a time axis in order of said assigned the transfer priorities, priority assigned by said transfer priority means to each program component of the program data stored in said primary storing means; and wherein said portable device comprisingcomprises:

secondary storing means for storing the program components to be discretely transferred from said transferring means;

re-constructing means for re-constructing program data included in any program desired to play backbe played-back from the program components constituting the program data stored in said secondary storing means; and

replacing means for substituting, when the program data stored in said

secondary storing means contains an incomplete program component, the incomplete program component at a point of discontinuation of the incomplete program component with a corresponding remainder portion of another program component in a same class as the incomplete program component; and

playing-back means for playing-back the program data re-constructed by said re-constructing means.

2. (Currently Amended) The portable viewing/listening system according to Claim 1, wherein said transfer priority assigning means assigns transfer priorities to each of the program components in such a manner that a program component with a lesser less amount of data has a higher transfer priority.

3. (Currently Amended) The portable viewing/listening system according to Claim 2, wherein said main device further comprises transfer priority defining means for previously defining default transfer priorities ~~by default to every each type of said the~~ program components, and

 said transfer priority assigning means assigns the default transfer priorities to each of the program components; in accordance with a definition provided by said transfer priority defining means, ~~said transfer priorities by default to each of the program components.~~

4. (Currently Amended) The portable viewing/listening system according to Claim 3, wherein, when ~~the a~~ plurality of the program data stored in said primary storing means is collectively transferred to said portable device, said transferring means selects any program component having the same transfer priority from each of the program data, combines the selected program components into a unit, and then discretely transfers the combined unit in the direction of the time axis in order of the transfer ~~priorities priority~~ assigned to every each combined unit.

5. (Currently Amended) The portable viewing/listening system according to Claim 4, wherein:

~~types of the program components are classified into a plurality of classes by said transfer priority defining means, and~~

said transfer priority defining means classifies the class of each program component;

program components of the program data which are replaceable with each other during playing-back are assigned in a same class; and

said transfer priority assigning means checks each every class for the default transfer priority priorities by default assigned to each of the program components by said transfer priority assigning means, and then changes, in accordance with a result of the check, the default transfer priority priorities by default assigned to each of the program components on a class basis, as required.

6. (Currently Amended) The portable viewing/listening system according to Claim 5, wherein, when no program component in the same class has a value that is defined as being a top transfer priority therein, said transfer priority assigning means changes a value of a program component being which is currently assigned the highest transfer priority in the class to the value that is defined as being the top transfer priority therein.

7. (Currently Amended) The portable viewing/listening system according to Claim 1, wherein said main device further comprises program component generating means for generating a new program component from the program components of the program data received by said receiving means, and

said storing means adds the new program component newly-generated by said program component generating means to the program data received by said receiving means, and stores the same received program data having the new program component added thereto.

8. (Currently Amended) The portable viewing/listening system according to Claim 1, wherein said portable device further comprises replacing means for replacing program component data constituting the program data to be played-back, and

wherein, when any data of the program component of constituting the program

data re-constructed by said re-constructing means is discontinued halfway during play-back by said playing-back means, said portable device further comprises replacing means for having has any other program component being not being currently played-back to be played-back play-back as a replacement.

9. (Currently Amended) The portable viewing/listening system according to Claim 8, wherein said portable device further comprises presentation priority defining means for previously defining presentation priorities to each type of said the program components, and

said replacing means determines a program component to play back be played-back as a replacement in accordance with the definition provided by said presentation priority defining means.

10. (Currently Amended) The portable viewing/listening system according to Claim 9, wherein said presentation priority defining means classifies types of the program components are classified into a plurality of classes, by said presentation priority defining means, and

said replacing means determines a program component to play back be played-back as a replacement from among the program components belonging to the same class as does said to which the program component discontinued during play-back belongs.

11. (Currently Amended) The portable viewing/listening system according to Claim 1, wherein said main device and said portable device are structured so as to be electrically interconnectable, and

said transferring means online-transfers each program component of the program data stored in said primary storing means directly to said portable device.

12. (Currently Amended) The portable viewing/listening system according to Claim 11, wherein said main device further comprises:

attaching means for allowing said portable device to be electrically connected to said main device; and

charging means for supplying power so as to charge said portable device when the portable device is attached to said attaching means; wherein

wherein said portable device further comprises a battery to be charged by the power supplied from said charging means.

13. (Previously Presented) The portable viewing/listening system according to Claim 1, wherein said transferring means offline-transfers each program component of the program data stored in said primary storing means to said portable device through a recording medium.

14. (Previously Presented) The portable viewing/listening system according to Claim 13, wherein said main device further comprises writing means for writing any program component to be transferred to said portable device into said recording medium, and said portable device further comprises reading means for reading the program component recorded in said recording medium.

15. (Previously Presented) The portable viewing/listening system according to Claim 1, wherein said receiving means receives program data through a computer network.

16. (Currently Amended) A main device which is used in a state of being fixedly or semi-fixedly installed; and which is used to transfer any received program data to an easy-to-carry portable device, the said main device comprising:

receiving means for receiving program data provided through broadcasting;
demultiplexing means for demultiplexing the program data received by said receiving means into program components, each program component representing data of a multimedia type and spanning a same play-back length as the program data;

primary storing means for storing the program components constituting the program data received by said receiving means;

transfer priority assigning means for assigning a transfer priorities-priority and class to each program component constituting the program data stored in said primary storing means; and

transferring means for discretely transferring, to said the portable device, each of the program components of the program data stored in said primary storing means in the direction of a time axis in order of said assigned the transfer priorities priority assigned by said transfer priority means to each program component of the program data stored in said primary storing means.

17. (Currently Amended) The main device according to Claim 16, wherein said transfer priority assigning means assigns transfer priorities to each of the program component components in such a manner that a program component with less-a lesser amount of data has a higher transfer priority.

18. (Currently Amended) The main device according to Claim 17, further comprising transfer priority defining means for previously defining default transfer priorities by default to every each type of said the program components, and
said transfer priority assigning means assigns said the default transfer priorities by default to each of the program components in accordance with a definition provided by said transfer priority defining means.

19. (Currently Amended) The main device according to Claim 18, wherein, when the plurality of the program data stored in said primary storing means is collectively transferred to said portable device, said transferring means selects any program component having the same transfer priority from each of the program data, combines the selected program components into a unit, then discretely transfers the combined unit in the direction of the time axis in order of the transfer priorities priority assigned to every each combined unit.

20. (Currently Amended) The main device according to Claim 19, wherein: types of the program components are classified into a plurality of classes by said transfer priority defining means, and
said transfer priority defining means classifies the class of each program component;

program components of the program data which are replaceable with each other
during playing-back are assigned in a same class; and

 said transfer priority assigning means checks every each class for the default transfer priorities by default assigned to each of the program components by said transfer priority assigning means, and then changes, in accordance with a result of the check, the default transfer priorities by default priority assigned to each of the program components on a class basis, as required.

21. (Currently Amended) The main device according to Claim 20, wherein, when no program component in the same class has a value that is defined as being top transfer priority therein, said transfer priority assigning means changes a value of a program component being which is currently assigned the highest transfer priority in the class to the value that is defined as being the top transfer priority therein.

22. (Currently Amended) The main device according to Claim 16, further comprising program component generating means for generating a new program component from the program components of the program data received by said receiving means, wherein
 said storing means adds the new program component newly-generated by said program component generating means to the program data received by said receiving means, and stores the samereceived program data having the new program component added thereto.

23. (Currently Amended) A portable device for receiving and playing-back program data received by a fixedly or semi-fixedly installed main device so as to provide a user therewithwith the received program data, the said portable device comprising:

 secondary storing means for storing each program component of constituting the program data to be discretely transferred from said the main device, each program component representing data of a multimedia type and spanning a same play-back length as the program data;

 re-constructing means for re-constructing program data of a program desired to play-back be played-back from the program components stored in said secondary storing

means; and

replacing means for substituting, when the program data stored in said secondary storing means contains an incomplete program component, the incomplete program component at a point of discontinuation of the incomplete program component with a corresponding remainder portion of another program component in a same class as the incomplete program component; and

playing-back means for playing-back the program data re-constructed by said re-constructing means.

24. (Currently Amended) The portable device according to Claim 23, further comprising replacing means for replacing program component data constituting the program data to be played-back,

wherein, when any data of the program component ~~of constituting~~ the program data reconstructed by said re-constructing means is discontinued halfway during play-back by said playing-back means, ~~the portable device further comprises~~said replacing means ~~for having~~has any other program component not being ~~not~~ currently played-back to play-back be played-back as a replacement.

25. (Currently Amended) The portable device according to Claim 24, further comprising presentation priority defining means for previously defining presentation priorities to each type of ~~said~~the program components, and

said replacing means determines a program component to play-back be played-back as a replacement in accordance with a definition provided by said presentation priority defining means.

26. (Currently Amended) The portable device according to Claim 25, wherein said presentation priority defining means classifies types of the program components ~~are classified~~ into a plurality of classes ~~by said presentation priority defining means~~, and

said replacing means determines a program component to play-back be played-back as a replacement from among the program components belonging to the same class ~~as does said to which the program component discontinued during play-back belongs~~.

27. (Currently Amended) A method of transferring program data received by a fixedly or semi-fixedly installed main device to an easy-to-carry portable device, the said method comprising the steps of:

receiving program data provided through broadcasting;

demultiplexing the program data received in said receiving of the program data into program components, each program component representing data of a multimedia type and spanning a same play-back length as the program data;

storing the program components constituting the program data received by in said receiving means of the program data;

assigning a transfer priorities priority and class to each program component constituting said the stored program data stored in said storing of the program data; and

discretely transferring, to said the portable device, each of the program components of said the stored program data in the direction of a time axis in order of said the assigned transfer priorities priority assigned to each program component of the stored program data.